

| = 5 | |
|----------------|-----------|
| | |
| <u>ہے =</u> | |
| >= _ | |
| | |
| ≥ ≡ ∞ | |
| | |
| | |
| = i | Please ty |
| = 0 | |
| | Under the |

| 6-22-00 |
|---------|
|---------|

| UTILITY PATENT APPLICATION TRANSMITTAL Control for new nonprovisional applications under 37 C.F.R. § 1.53(a). Express Mail Label No. EL467160291US | • | rs sign (+) inside this box -> + | 1 to recens | Patent a | and Trademark Of | fice: U.S. | PTO/SB/05 ugh 09/30/2000. OMB 065 DEPARTMENT OF COMM | 1-0032 MERCE |
|--|---------------------------------|---|-------------------------|-------------------------------------|--|-----------------------|---|-----------------|
| ## PATENT APPLICATION TRANSMITTAL Title Infrared Thermometer for Preforming Temperature | Citati Hie i aperw | | | | Of Millorith Basis Call | | | |
| TRANSMITTAL (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)) APPLICATION ELEMENTS Sew MPEP chapter 600 concerning utility patents application contents. ABSISTANT COMPILET STATEMENTS Sew MPEP chapter 600 concerning utility patents application contents. ABSISTANT Computer Program (Appendix) 5. Microfiche Computer Program (Appendix) 6. Nucleotide and/or Amino Acid Sequence Submission (frapplicable, all necessary) 7. Peper Corpus (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (frapplicable, all necessary) 8. Nucleotide and/or Amino Acid Sequence Submission (frapplicable, all necessary) 9. Paper Copy (Identical to computer copy) 8. Microfiche Computer Readable Copy 9. Computer Readable Copy 9. Computer Readable Copy 9. Descriptive title of the Invention 9. Belief Summary of the Invention 9. Belief Summary of the Invention 9. Belief Summary of the Invention 9. Copy (Identical to computer copy) 10. Statement (ISP) Actor (When there is an assignee) Automory 9. Paper Copy (Identical to computer copy) 11. When there is an assignee) Automory 12. Newly executed (original or copy) 13. Newly executed (original or copy) 14. Oath or Declaration 15. Nucleotide and/or Amino Acid Sequence Submission (If applicable) 15. Microfiche Appendix 16. Nucleotide and/or Amino Acid Sequence Submission (If applicable) 17. Assignment Papers (cover sheet & document(s)) 18. Acid Aminor Aminor Acid Sequence Submission (If applicable) 19. Paper Copy (Identical to computer copy) 19. Paper Copy (Identical to computer copy) 10. Statement (ISP) Acid Acid Acid Mental Acid Mental Acid Acid Mental Acid Acid Mental Acid Acid Mental Acid M | DAT | | First In | ventor or Appli | ication Identifier | В | ernhard Kraus, et a | al ! |
| APPLICATION ELEMENTS See MPEP chapter 600 concerning library patent application contents. APPLICATION ELEMENTS See MPEP chapter 600 concerning library patent application contents. ADDRESS TO: Box Patent Application Mashipatent of Patents Box Patent Application Mashipatent Disc Patents See MPEP chapter 600 concerning library patent application contents. ADDRESS TO: Box Patent Application Mashipatent Disc Patents Box Patent Application Mashipatent Disc Patents See MPEP chapter 600 concerning library patent application contents. ADDRESS TO: Box Patent Application Mashipatent Disc Patents See MPEP chapter 600 concerning library patent application contents. ADDRESS TO: Box Patent Application Mashipatent Commission of Mashipatent Disc Patents (submit an original and a duplication for Patents See MPEP chapter 600 concerning library patents See The Translation Disc Patents See Translation See Translation See Translation Translation See T | | | Title | Infrared The | ermometer fo | r Prefo | orming Temperatur | e (|
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patient application contents. 1. | | | Expres | s Mail Label N | o. | EL46 | 7160291US | |
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patient application contents. 1. | | | | | Assi | stant Cor | mmissioner for Patents | |
| Submit an original and a duplicate for fee processing) 2. Specification | | | ts. | ADDRE | SS TO: Box | Patent A | pplication | Č |
| 2. Specification Total Pages 10 1 10 10 10 10 10 10 | | | | 5. Mi | crofiche Compu | ter Prog | ram <i>(Appendix)</i> | |
| - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Surmary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 3. | 2. Spe | edification (Total Pages 10 |]] | (if applic | able, all necess | ary) | · | |
| - Statement Regarding Fed sponsored R & D Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 3. | | | | a | Computer | Keadab | ie Copy | |
| - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 3. | | | | b | Paper Cop | y (identi | ical to computer copy) | |
| - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 3. | | • • • | | с. | Statement | verifying | g identity of above copie | es |
| - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Claim(s) - Abstract of the Disclosure 3. | | · · | | AC | COMPANYING | G APPI | LICATION PARTS | |
| - Bitel Description - Detailed Description - Claim(s) - Claim(s) - Abstract of the Disclosure 3. | | • | | 7. As | signment Pape | rs (cove | r sheet & document(s)) | |
| - Claim(s) - Abstract of the Disclosure 3. | | | | 1 = 37 | • | • | | |
| - Abstract of the Disclosure 3. | | · | | 8. (w | hen there is an | assigne | e) Attomey | |
| 10. | | ` ' | | | • | | | _ |
| a. | | | <u>]</u> 1 | 140 I "" | | | 1 1 ' | 3 |
| a. | 4. Oath or Do | eclaration [Total Pages 2 |] | 11. Pr | eliminary Amen | dment | | |
| b. Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 16 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). **NOTE FOR ITEMS 1.8.13 W ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.21), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.22). 16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: Continuation Divisional Continuation-in-part (CIP) Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporate reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts 17. CORRESPONDENCE ADDRESS About 1.3. Statement filed in prior application (Certified Copy of Priority Document(s) (if foreign priority is claimed) (if for | a. 🗸 | Newly executed (original or copy) | | 117 427 | | • | • | |
| i. Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT | b | | |))·s | Small Entity | ☐ State | ement filed in prior appli | |
| inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). THOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITIED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT | l | | tina | | TO/SB/09-12) | | • • | su |
| **NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT FONE FILED IN A PRIOR APPLICATION IS RELIE, JUPON (37 C.F.R. § 1.28). 16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: Continuation Divisional Continuation-in-part (CIP) of prior application No: Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporate reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts 17. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Name Hopgood, Calimafde, Kalil & Judlowe, L.L.P. | | inventor(s) named in the prior app | lication, | | foreign priority i | is claime | ed) | |
| Tees, a small entity statement is Required (37 C.F.R. § 1.27), EXCEPT | TAXABLE SODIE | | | 15. 🖍 Ot | _{her:} a che | ck for | \$ 40 & \$ 708 | |
| Continuation Divisional Continuation-in-part (CIP) of prior application No:/ | FEES, A SMAL | L ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), | EXCEPT | | | | | |
| Prior application information: Examiner | 16. If a CON | ITINUING APPLICATION, check appropriate be | ox, and sup | pply the requisite | information belov | v and in a | a preliminary amendment: | |
| For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporate reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts 17. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Name Hopgood, Calimafde, Kalil & Judlowe, L.L.P. | | | in-part (CIF | P) of prid | | | <i></i> | |
| Teference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts 17. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Name Hopgood, Calimafde, Kalil & Judlowe, L.L.P. 60 East 42nd Street | For CONTINUA | ATION or DIVISIONAL APPS only: The entire dis | closure of | f the prior appli | cation, from which | ch an oat | th or declaration is suppl | ied |
| T7. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Name Hopgood, Calimafde, Kalil & Judlowe, L.L.P. 60 East 42nd Street | under Box 4b, reference. The | is considered a part of the disclosure of the ac- e incorporation can only be relied upon when a | companyis portion ha | ing continuatior as been inadver | n or divisional ap tently omitted fro | plication om the s | i and is hereby incorporat ubmitted application part | led by s. |
| Name Hopgood, Calimafde, Kalil & Judlowe, L.L.P. 60 East 42nd Street | | | | | | | | |
| Name Hopgood, Calimafde, Kalil & Judlowe, L.L.P. 60 East 42nd Street | | | | | | a . | | |
| Name Hopgood, Calimafde, Kalil & Judlowe, L.L.P. 60 East 42nd Street | L Custome | • | io. or Attac | ch bar code label | | ☐ Corre | espondence address below | ′ |
| 60 East 42nd Street | | | | | | | | |
| 60 East 42nd Street | Name - | Tropgood, Gairmardo, Fram d Gaisti | <u> </u> | | | | | |
| Address | Address | 60 East 42nd Street | | | | | | |
| | Address | | | | | | | |
| City New York State NY Zip Code 10165 | J., y | | | | | 1 | | |
| Country USA Telephone (212) 551-5000 Fax (212) 949-2795 | Country | USA Telepho | ne (| 212) 551-50 | 000 | Fax | (212) 949-2795 | |
| Name (PrintType) James N. Bøkinger Registration No. (Attorney/Agent) 32,555 | Name (Pr | rin/Type) James N. Børlinger// | | Registra | tion No. (Attorney/A | gent) | 32,555 | _] |
| Signature Date June 20, 2000 | Signature | 1/1/ Lully | | | | Date | June 20, 2000 | J |

Burden Hour Statement: This form/is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PTO/SB/17 (12/99)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE officetion of information unless it displays a valid OMB control number

Un

| METHOD OF DAVMENT | 4.1.1.2.2 | CEE CALCU | LATION (seedimons) | | |
|---|-------------------------------|--|--|-------|--|
| TOTAL AMOUNT OF PAYMENT | (\$) 748.00 | Attorney Docket No. | 1826-015 | | |
| See 37 C.F.R. §§ 1.27 and 1.28. | | Group / Art Unit | NA | | |
| Small Entity payments <u>must</u> be supported otherwise large entity fees must be paid. | See Forms PTO/SB/09-12. | | NA . | | |
| Patent fees are subject to annual revision. | | First Named Inventor | Bemhard Kraus, et al | | |
| for FY 2 | 2000 | Filing Date | NA | | |
| | | Application Number | New Application | | |
| FEE TRANS | MITTAL | Complete if Known | | | |
| der the Paperwork Reduction Act of 1993 | o, no persons are required to | respond to a collection of information | Tuniess it displays a valid Olvib control no | moer. | |

| METHOD OF PAYMENT (check one) FEE CALCULATION (continued) | | | | | | |
|---|--|-------------------|--|----------|--|--|
| 1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: | 3. ADDITIONAL FEES Large Entity Small Entity Fee | | | | | |
| Deposit Account Number 08-2776 | Code (\$) C | ode (\$) 05 65 | Fee Description Surcharge - late filing fee or oath | Fee Paid | | |
| Deposit | 127 50 22 | 27 25 | Surcharge - late provisional filing fee or cover sheet. | | | |
| Account Name Hopgood, Calimafde, Kalil & Judlwe, LLP | 139 130 13 | 39 130 | Non-English specification | | | |
| Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 | 147 2,520 14 | 47 2,520 | For filing a request for reexamination | | | |
| | 112 920° 1 | 112 920° | Requesting publication of SIR prior to Examiner action | | | |
| 2. Payment Enclosed: Check Money Other | 113 1,840° 1 | 1,840° | Requesting publication of SIR after Examiner action | | | |
| FEE CALCULATION | 115 110 21 | 15 55 | Extension for reply within first month | | | |
| | 116 380 21 | 16 190 | Extension for reply within second month | | | |
| 1. BASIC FILING FEE | 117 870 21 | 17 435 | Extension for reply within third month | ļ i | | |
| Large Entity Small Entity Fee Fee Fee Fee Description | 118 1,360 21 | 18 680 | Extension for reply within fourth month | | | |
| Code (\$) Code (\$) Fee Paid | 128 1,850 22 | 28 925 | Extension for reply within fifth month | | | |
| 101 690 201 345 Utility filing fee 690.00 | 119 300 21 | 19 150 | Notice of Appeal | | | |
| 106 310 206 155 Design filing fee | | 20 150 | Filing a brief in support of an appeal | | | |
| 107 480 207 240 Plant filing fee | | 21 130 | Request for oral hearing | | | |
| 108 690 208 345 Reissue filing fee | | 38 1,510 | Petition to institute a public use proceeding | | | |
| 114 150 214 75 Provisional filing fee | | 40 55 | Petition to revive - unavoidable | | | |
| SUBTOTAL (1) (\$) 690.00 141 1,210 241 605 Petition to revive - unintentional | | | | | | |
| 2. EXTRA CLAIM FEES 142 1,210 242 605 Utility issue fee (or reissue) | | | | | | |
| Fee from 143 430 243 215 Design issue fee | | | | | | |
| Total Claims 21 -20** = 1 x 18 = 18 | 144 580 24 | 44 290 | Plant issue fee | | | |
| Independent 3 - 3** = 0 x 78 = 0 | | 22 130 | Petitions to the Commissioner | | | |
| Multiple Dependent | | 23 50 | Petitions related to provisional applications | | | |
| **or number previously paid, if greater; For Reissues, see below | 126 240 12 | 26 240 | Submission of Information Disclosure Stmt | | | |
| Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$) | 581 40 58 | 81 40 | Recording each patent assignment per property (times number of properties) | 40.00 | | |
| 103 18 203 9 Claims in excess of 20, | 146 690 24 | 46 345 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | | |
| 102 78 202 39 Independent claims in excess of 3 | 149 690 24 | 49 345 | For each additional invention to be | | | |
| 104 260 204 130 Multiple dependent claim, if not paid 109 78 209 39 ** Reissue independent claims | | | examined (37 CFR § 1.129(b)) | <u> </u> | | |
| over original patent | Other fee (speci | ify) | | | | |
| 110 18 210 9 ** Reissue claims in excess of 20 and over original patent | Other fee (speci- | ify) | | | | |
| SUBTOTAL (2) (\$) 18.00 Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00 | | | | | | |
| SUBMITTED BY Complete (if applicable) | | | | | | |
| Name (Print/Type) James M. Bollinger Registration No. (Attorney/Agent) 32,555 Telephone (212) 551-5000 x 4061 | | | | | | |
| Signature Date (70) June 20, 2000 | | | | | | |

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

3c836 U.S. PTO 09/598060

CERTIFICATE OF MAILING OR TRANSMISSION – 37 CFR 1.8

I hereby certify that I have a reasonable basis that this paper, along with any referred to above, (i) are being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231, or (ii) are being transmitted to the U.S. Patent & Trademark Office in accordance with 37 CFR § 1.6(d).

DATE:

NAME:_